CVT™

Cascadia Vehicle Tents

Welcome to the CVT Family

INSTALLATION MANUAL

CVT - CASCADIA VEHICLE ROOF TOP TENTS

Welcome to the CVT Family and Thank You for your purchase of a CVT-Cascadia Vehicle Roof Top Tent.

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IMPORTANT // Please read this Installation Manual in it's entirety before installing and using your CVT Roof Top Tent. If you have any questions please contact us. ur information is on the back of this Manual.

// PACKING LIST

Please check to make sure you have the following items before you begin.

1

Plastic Rail Guards

2

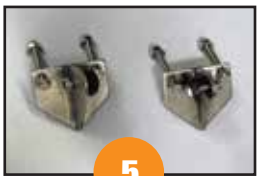
Wrenches

3

Slide Brackets

4

Bolts Kit



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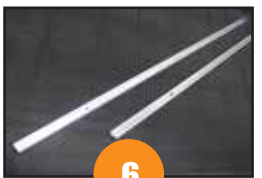
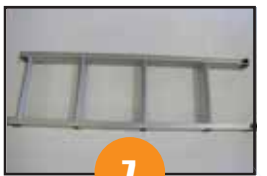
Ladder Mounting Brackets



6

Railing



7

Ladder

8

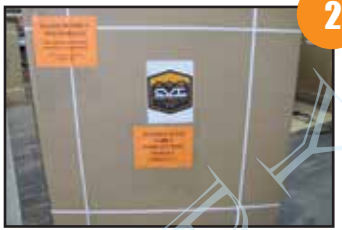
Cover

// ROOFTOP TENT SETUP

1

Find a clean, flat area to work. Open carton.

*Please be careful when using a knife to open as you can cut the fabric.



2

Lay cardboard on the ground for a clean work area .

3

You can lay the tent flat or what works best is standing the tent up on its end where the mattress is visible from the side.

4

Remove protective plastic from outsides of the tent floor.

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// ROOFTOP TENT SETUP

5

Release all the velcro straps. (1 on each side and two around the floor)

6

Spread the tent apart (the rails, spring rods and installation kit will be at the end you are opening.)

7

Unzip the door mesh to remove the ladder, cover and the annex room (if included).

8

Locate the 4-6 mounting holes in the middle of the bottom of the floor. Remove the black plastic plugs.

// ROOFTOP TENT SETUP

9

The CVT RTT can be installed on the vehicle to either open to the rear or side of the vehicle.

(The only time you will need to cut the rails is if you choose to have your tent open to the rear)
** Exluding the Batchlor models which can be positioned either direction without cutting the rails.
Once you determine which layout you are going to use, you may need to cut the rails or leave them alone.

10

If you will use this tent on another application (car, truck or trailer) you might want to keep them long or purchase another set to cut.

11

If cutting the mounting rails lay it out first. Mark both ends. (We cut them 3/16" short of the edge of the tent.) Make sure the holes in the rail line up with the holes in the floor before marking it out to cut.

// ROOFTOP TENT SETUP

12

Place all of the 4-6, 6mm bolts in the base of the floor from the inside with the washer on it. (Under the matress)

13

Slide the nuts into the mounting rail one at a time starting with the bottom bolt first.

14

Attach the nuts and bolts and tighten firmly. (Do not over tighten)

15

Secure the ends of the mounting rails using the (4) self-tapping screws provided through the the pre-drilled holes in the end of the rails.

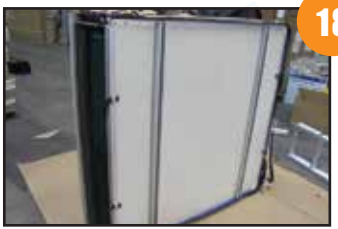
// ROOFTOP TENT SETUP

16

On the other side of the floor remove the plastic plugs from the ladder mounting holes. Attach ladder brackets as shown using the 4-6mm bolts, washers and nylock nuts.

17

Attach the ladder to the brackets using the 2-6mm bolts, washers and nuts. The plastic spacers go between the ladder and the mounts



18

Your tent is now ready to install on your truck, trailer, UTV, boat or car.

19

Before putting your tent on your rack please make sure the bolts included are either long enough or too long. You may need to get shorter or longer bolts or cut the ones you have depending on your application.

// ROOFTOP TENT SETUP

Once you have determined your bolts work place your tent on the rack. Slide the 8 mounting plates into the ends of the rails. (you can put the mounting plates on 4 of the ones you slide in. Lift your tent up and slide the 4 into the iddle of the rails. Once this is complete slide the other 4 in the rails with mounting plates and connect. Again, when tightening your bolts/nuts down be careful not to over tighten.

**Place a mild amount of tension on the mounting plates. This will emsure the bolt heads do not strip the slide brackets.
If your mounting plates are bending you are tightening them down too much.

Slide the blue part on your cover into the outside extrusion on the bottom of the base of the tent on the mattress side. Throw cover over and zip it up. Please make sure fabric is out of the way.

// ANNEX SETUP

1

Take the cover off and slide the cover out of the track at the base of the tent.

2

Slide the rounded black extrusion into the track in the base of the tent that the cover came out of. (The back of the annex will have a door but no mesh on it.)

3

Open tent and attache the zipper.

A. Tents with the overhang will zip up.
B. Tents without the overhang will go on the same way but you will need to undo the zipper by the front door on the annex and slide it around the base until it reaches to both sides of the ladder to re-zip at the front door.

4

Stake down the annex.

// LADDER SETUP

1

Open the door flap. Locate the pre-drilled ladder mount points in the midsection of the tent under the matttress and remove plastic shipping plugs. (below the opening of the tent). Install mounting bolts with the head on the interior of the tent.

2

Locate provided mounting brackets. Position hinge point eyelet clossest to edge with the pointed part of the assembaly pointed away from yourself. Install nuts and washers leaving them loose (not tightned)

3

Possition the ladder with eyelets up making sure to place nylon washer between the ladder and mounting hardware. Install blolts and nuts. Leaving them loose. The larger tents come with ladder support bracktes to the left and right. Locate and repeate directions, 1 through 3.

4

Now that all the ladder components are loosly assembled and in possition. Thghten all mounting hardware to snug plus 1/8 turn more . making sure NOT to OVER TIGHTEN. It is also very important to keep the ladder closer to a steeper vertical position as opposed to a gradual 45 degree angle which will void the warranty.

// WARRANTY TERMS & CONDITIONS

Our Warranty

Your Cascadia Vehicle Tent is warranted against defects in material and manufacturing for 2 years on fabric tents and 4 years on hard-shells from the date of original purchase. CVT will repair or replace, at its option, any defects during the warranty period. This warranty does not extend to normal wear and tear, or to damage or cosmetic blemishes sustained during use or due to improper cleaning, or improper storage. CVT will repair or replace at our option. In the event that the tent must be returned to our repair facility for inspection and repair/replacement, owner must assume the cost and liability of freight. Shipping damage is the responsibility between tent owner a freight company.

*This Warranty does not cover damage resulting from an accedent, misuse, abuse, tampering, unreasionable use or normal wear and tear.

**NOTE **

Please do not sign or accept any damaged products uppon delivery as it will then become your liability once signed. CVT strives to support our customers to our fullest capacity as such, please do a through walk around when taking delivery of you're new CVT tent. You have 15 minuts under law by which inspect your tent from the shipper. Please also open it and do a internal inspection of the tent before signing for it. If damage is found, please deny the shippment and contact CVT so we can inneteate a claim and more quickly expadite your camping needs.

Cascadia Vehicle Tents™

CONTACT US

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Please follow us on Instagram at cvttents and join us on FaceBookCVT/Cascadia Vehicle Tents.com We love hearing about and seeing photos of your Roof Top camping adventures. We would love to hear from you from time to time.

Welcome to the CVT family and thank you for your purchase.

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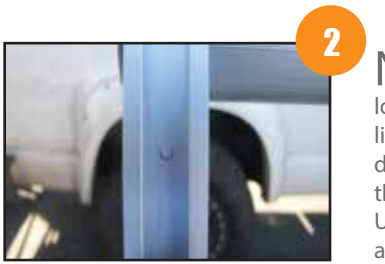
// LADDER EXTENTION SETUP

Once the ladder angle with Ladder Extension has been determined. Rotate the included fastener to which will leave a small scoring on the ladder channel as shown in step two.



Now that the new hole location has been estab-lished, you will want to pilot drill a small guide hole in the middle of scored circle. Use a center punch first if availavble.

With the pilot hole drilled on both sides. Follow it with a 5/16″ drill bit making sure to remove any residual burrs with in the drill holes.

The ladder extention is now ready to be re-installed in the primary ladder channel for permanent use. The Upper rung of the extension must be in line with the lowest rung of the primary ladder.

// SUMMIT SERIES FEATURES

1

The Summit Series tents come with a speeder bar in overhanging Veranda. The bar adds additional structural rigidity for rain, snow and wind over the anex and entrance to your tent.

2

Collapsible Ladder.The ladder will remain collapsed with the provided Velcro strap. Determine the preferred ladder angle and hold it in position before rleasing the Velcro keeping one hand on the bottom of the ladder as it deploys to the fully extended resting position.

3

The Summit Series tents include LED lighting and USB Ports. The switch and USB will be found on the center vertical support bar. ON/OFF or press and hold to change light intensity.

4

Shoe Rack and installation. Slide top ridge of the shoe rack into the channel provided by lower tent frame left and right of the central ladder.

TENT MAINTANENCE

How do I take care of my Roof Top Tent?
When you first get your CVT Roof Top Tent we recommend that you lightly spray the tent with water including the fly. This will allow the thread and the fabric to swell up and seal holes in your tent from the sewing needle. When the fabric is sewn together the thread that is used is also poly-cotton, and expandable and because it has the ability to absorb liquid, when it does it increases and fills the holes created by the sewing needle.

Condensation with in the tent is most prevalent when interior and texterior temperatures an are in opposition such as snow or colder weathor during the night. Opening the tops of opposing windows will help prevent condensation as airflow greatly helps with the dissipation of moisture depending of the speicific environment. When possible, open all windows when the tent is not in use to allow any residual moisture to compleatly dissapate. Romoving all bedding and mattress will greatly aid in this process. Cascadia Vehicle Tents does offer an Anti-Condensation Mat to promote keeping the wicking of moisture away from the mattress dry during the night.

Cleaning your new CVT tent: Regular cleaning and vacuuming of tent is recomended. Brushing the outside and zippers of the tent with a bristled brush in conjuntion with vacuuming should take care of the majority of all cleaning needs.

Zipper Care: The most common item to fail on a tent is one of the zippers. Bees' wax is a tried and true lubricant used in countless safaris in the African bush. It is available in most organic supermarkets like Whole Foods or Wild Oats. This should greatly improve the operation of the zipper, and dramatically increase its service life

Mold: Mix 1 cup of salt and 1 cup of concentrated lemon juice with 1 gallon of hot water.
2.Mildew can permanently damage the waterproof coatings by causing them to separate from the fabric, but mild to severe staining is more common. Mildew stains are permanent. They cannot be removed without potential harm to the fabric coatings
3.Some use lysol as it also works, but its scent is attractive to bugs and critters
4.We also use a product from Home Depot called Concrobium-mold control. With this we spray it on and let it dry. Then again once or twice more in the same way.
5.It is always best to have your tent in the sun. I

FAQ

Can I Upgrade My Tent?
YES YOU CAN! CVT allows you to upgrade anytime you would like. We will take your CVT tent or a competitor's tent for a trade up in on a new CVT Tent.

What are the fabrics used on your tents? Ripstop fabrics are woven farics often made out of nylon, using a special reinforcing technique that makes them resistant to tearing and ripping. During weaving (thick) reinforcement threads are interwoven at regular intervals in a crosshatch pattern. The intervals are typically 5 to 8 millimeters (0.2 to 0.3 in). Thin and lightweight ripstop fabrics have a 3-dimensional structure due to the thicker threads being interwoven in thinner cloth. but more modern weaving techniques make the ripstop threads less obvious.

Can I cook or put a candle in my tent?
No!
WARNING! DO NOT OPERATE ANYTHING THAT BURNS FUEL IN A TENT: i.e. STOVE, CANDLE, GAS LANTERN OR A PROPANE HEAT BUDDY.Combustion consumes oxygen and can produce dangerous levels of carbon monoxide, which could lead to serious injury or death. Although most tent materials are treated with a fire retardant they will burn if left in contact with a continuous ignition source and so will you. Also your Tent will sweat like crazy! Yes that means condensation! Please be careful and always think before you act.

How much weight can my roof rack hold?
Generally 100-200 lbs. By law you are allowed 165 lbs going down the highway.When you are parked (static weight) it is a different story. Read your owner's manual to get exact weight limit. If you need additional capacity, please contact us so we may further assist you with the best product for your specific application.